LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A tank ~~Tank~~ vent, comprising an oleophobic inorganic membrane surface-modified with at least one perfluoroalkyl compound.

2. (Currently Amended) The vent ~~Device~~ according to Claim 1, in which the inorganic membrane is a ceramic membrane.

3. (Currently Amended) The vent ~~Device~~ according to Claim 1, in which the inorganic membrane is a metal membrane.

4. (Currently Amended) The vent ~~Device~~ according to Claim 1, in which the inorganic membrane is surface-modified by silanization with at least one perfluoroalkyl compound ~~compounds~~.

5. (Currently Amended) The vent ~~Device~~ according to Claim 1, in which the inorganic membrane is surface-modified by plasma coating with at least one perfluoroalkyl compound ~~compounds~~.

6. (Currently Amended) The vent ~~Device~~ according to Claim 1, in which the inorganic membrane is surface-modified by painting with at least one perfluoroalkyl compound ~~compounds~~.

7. (Currently Amended) The vent ~~Device~~ according to Claim 1, in which the inorganic membrane exhibits a pore size of 1 nm to 100 µm.

8. (Currently Amended) The vent ~~Device~~ according to Claim 1, in which the membrane additionally exhibits hydrophilic components in the surface matrix.

9. (Currently Amended) The vent ~~Device~~ according to claim 1 ~~any of the preceding claims~~, in which the vent comprises ~~device is~~ a venting system of a fuel system.

10. (Currently Amended) A device for absorbing at least one of vapors and solvents, said device ~~Vapor or solvent adsorber,~~ comprising at least one oleophobic inorganic membrane according to Claim 1 ~~characterized in Claims 1 to 8~~.

11. (Currently Amended) The device ~~Device~~ according to Claim 10, wherein ~~in which~~ the device is a fuel adsorber.

12. (Currently Amended) A fuel ~~Fuel~~ adsorption section, comprising the fuel adsorber according to Claim 11.

13. (Currently Amended) A tank ~~Tank~~ system, comprising at least one device selected from the group consisting of a tank vent and a vapor or solvent absorber wherein said device comprises an oleophobic inorganic membrane surface-modifed with at least one perfluoroalkyl compound ~~the tank vent according to one of Claims 1 to 8 and/or the vapor or solvent adsorber according to Claim 10~~.

14. (Currently Amended) A method for separating ~~Use of the oleophobic inorganic membrane characterized in Claims 1 to 8 in the separation of~~ vapor from liquid in a vapor-liquid mixture in a tank vent and/or before a vapor or solvent adsorber said method comprising contacting said mixture with an oleophobic membrane surface modified with at least one perfluoroalkyl compound.

15. (Currently Amended) The method [[Use]] according to Claim 14, wherein ~~in which~~ the tank vent comprises [[is]] a venting system of a fuel system.

16. (Currently Amended) The method [[Use]] according to Claim 14, wherein ~~in which~~ the vapor or solvent adsorber is a fuel adsorber.

17. (Currently Amended) A process ~~Process~~ for the separation of vapor from liquid in a tank vent and/or before a vapor or solvent adsorber, which comprises locating ~~in which~~ an oleophobic inorganic membrane according to claim 1 ~~characterized in Claims 1 to 8 is used~~ in the tank vent or before the vapor or solvent adsorber.

18. (Currently Amended) The process ~~Process~~ according to Claim 17, wherein ~~in which~~ the tank vent is a venting system of a fuel system.

19. (Currently Amended) The process ~~Process~~ according to Claim 17, wherein ~~in which~~ the vapor or solvent adsorber is a fuel adsorber.